

# Cisco Mesh Response Kit



Optimized for  
Lean IT



Easy to Deploy for  
First Responders



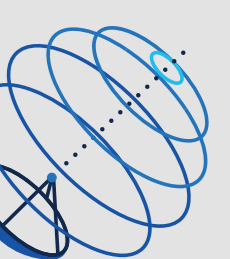
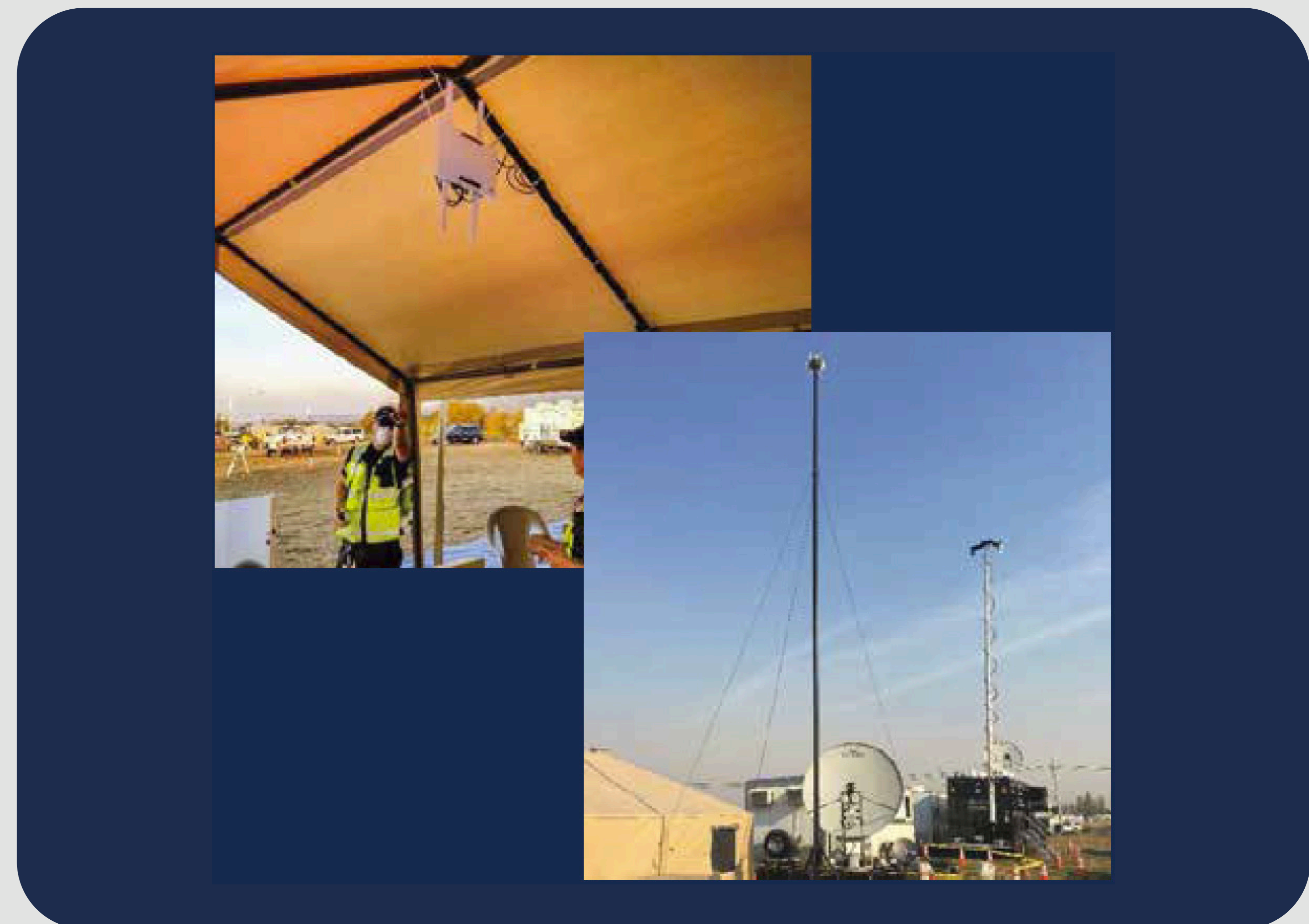
Cloud Administration  
From Anywhere



Automated  
& Secure

## Cloud Scale Wireless Networking for Incident Communications

The Cisco Crisis Response Mesh Response Kit (MRK) is a secure Wi-Fi solution which provides wireless networking for first responders, emergency managers, critical infrastructure or similar agencies. This standalone kit can be quickly deployed by a trained operator and remotely managed by an offsite administrator, eliminating the need for onsite technical support. The MRK is preconfigured and packaged in a light-weight and water-resistant case, ideal for response in difficult and changing conditions. The included wi-fi access points are IP67-rated and designed for outdoor deployments.



## Architecture

The MRK solution in a box is comprised of rugged, outdoor WI-FI access points and a small form-factor next-generation firewall to quickly enable secure critical communications when normal infrastructure has been crippled or destroyed by a disaster. The four access points in the MRK can also be added to existing solutions to scale performance, coverage area or wireless client density. The WI-FI access points in the MRK use the Meraki cloud, which increases IT efficiency by automating unnecessary work so you can focus on the mission at hand. The Meraki cloud management platform keeps software and configuration always up-to-date, so administrators and technical staff can ensure that a high state of readiness is maintained and cybersecurity threats from older software versions are mitigated. The cloud wireless management platform also automatically addresses challenging environments using AI-Powered Auto RF management, allowing for turnkey installation and hands-off radio channel planning that learns when the network is busiest and avoid changes during that time. Because of the kit's scalability and self-directed management, it is easy to grow small deployments to large networks with little effort. Because of the kit's scalability, it is easy to quickly form small branches to large networks with overall reduced operational costs.

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## Key Features

- AI-Powered Wireless Connectivity
- Wired Port Density (10 RJ45 Ethernet Ports)
- Advanced Malware Protection
- Built in Firewall
- Application Visibility & Control
- Remote Management via Cisco Meraki Cloud

## Technical Features

- 802.11ax / Wi-Fi 6
- Traffic Shaping to Prioritize Critical Applications
- Intrusion Detection System (IDS), Intrusion Protection System (IPS)
- (2) PoE Ports
- Concurrent Dual Band Radios (2.4 GHz, 5 GHz)
- Cisco Umbrella DNS Security
- Dual WAN Ports for Load Balancing/ Failover

